



**Fig. 1A**

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1   MSVDEICENTKMGREYALLGNYETSLVYYQGVLLQQLIQKLL
41  TSVHEPQRKHQWQTIRQELSQEYEHVKNITKTNLNGFKSEPT
81  AAPEPAPNHRAAPFSHHQHAAKPAAAEPARDPDYWPPTP
121 VDHRPSPPYQRAARKDPPRRSEPSKPANRAPGNDRGGRGP
161 SDRRGDARSGGGGGRGGARGSDKDKNRGGKSDKDKKAPSGE
201 EGDEKKFDPAGYDKDLVENLERDIVQRNPNVHWADIAGLT
241 EAKRLLEEAYVLPLWMPDYFKGIRRPWKGYLMVGPFGTGK
281 TMLAKAVATECGTTFFNVSSASLTSKYHGESEKLVRLLE
321 MARFYAPSTIFIDEIDSICSKRGTGSEHEASRRVKSELLI
361 QMDGVSGPSAGEESSKMVMVLAATNFPWDIDEALRRRLEK
401 RIYIPLPEIDGREQLLRINLKEVPLADDIDLKSLAEKMDG
441 YSGADITNVCRDASHMAHRRRIQGLRPEEIRHIPKEELNQ
481 PSTPADFLLALQKYSKSVGKEDLVKYMAMMEFEGSV

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**Fig. 1B**

p60	231	YHWANIASLTEAKRLLEEAYVLPLWMPDYFKGIRRPWKGYLMVGPFGTGK
mei-1	190	MSLDDIIGMHDVQVYLHEAYTLPLLVPEFRQGLRSPWKAMVLAGEPGIG
Sug1p	145	STYDMVGLTKQIKEIKVIELPVKHELEESLGIAQPKGVILYGPFGTG
ftsH	149	TTFANVASCDEAKKEEVALVEYLREPSSRQKLGGKIPKGVILYGPFGTG
Pas1p	694	IKWGNIGALANAKDVLLETLEWETKYEPIEVNCPRLRSGILLIYGPFGC
NSF	224	EKMIGIGLDKEFSDIFERRAFASRVFPPEIVEQMGCKHVKGILLIYGPFGC
p60	280	KTMLAKAVATECGTTFFNVSSASLTSKYHGESEKLVRLLEEMARFYAP
mei-1	239	KTMLAKAVATECGTTFFNVSSASLTSSKWRDSEKIVRLLEELARFYAP
Sug1p	195	KTMLAKAVATECGTTFFNVSSASLTSSKWRDSEKIVRLLEELARFYAP
ftsH	198	KTMLAKAVATECGTTFFNVSSASLTSSKWRDSEKIVRLLEELARFYAP
Pas1p	744	KTMLAKAVATECGTTFFNVSSASLTSSKWRDSEKIVRLLEELARFYAP
NSF	274	KTMLAKAVATECGTTFFNVSSASLTSSKWRDSEKIVRLLEELARFYAP
p60	328	.....STIFIDEIDSLCKSR...GTGSEHEASRRVKSELLIQMDGVSGP
mei-1	287	.....STIFIDEIDSLCKSR...GTGSEHEASRRVKSELLIQMDGVSGP
Sug1p	243	.....STIFIDEIDSLCKSR...GTGSEHEASRRVKSELLIQMDGVSGP
ftsH	246	.....STIFIDEIDSLCKSR...GTGSEHEASRRVKSELLIQMDGVSGP
Pas1p	792	.....STIFIDEIDSLCKSR...GTGSEHEASRRVKSELLIQMDGVSGP
NSF	324	LGANSGLHDEIDSLCKSR...GTGSEHEASRRVKSELLIQMDGVSGP
p60	369	SAGEESSKMVMVLAATNFPWDIDEALRR...ELEKRIYIPLPEIDGREQLL
mei-1	324	SONKFDSSRVFVLAATNFPWDIDEALRR...ELEKRIYIPLPEIDGREQLL
Sug1p	285	.....SKNIKIIMATHRLDILDEALRR...ELEKRIYIPLPEIDGREQLL
ftsH	288	.....NEGIIIVIAATHREDVLDLDEALRR...ELEKRIYIPLPEIDGREQLL
Pas1p	832	D.....GVYILAATSRPDLIDSALRR...ELEKRIYIPLPEIDGREQLL
NSF	373	N.....NILNIGHTNRPDLDLDEALRR...ELEKRIYIPLPEIDGREQLL
p60	417	RINL.....KEYVPLADDIDLKSLAEKMDGVSGADIT
mei-1	372	EKSM.....EGTPKSDIINYDDLAAETEGESGADVV
Sug1p	329	RIHS.....RKMNLTRGINLRKYAEKMGCSGADYK
ftsH	332	KVHM.....RRVPLAPDIDAALIAARGTPGESGADLA
Pas1p	875	QAIYNSKDKDTGQKFALEKNADLKLIAEKTAGEGADLQ
NSF	416	HI...HTARMRGHQ...LSADVDIKELAVETKNEGSAELE